

PRODUCING ENGRAVING-STYLE HALFTONE IMAGES

ABSTRACT

An image processing scheme that applies engraving-style effects to an image is described. In one embodiment, an initial line pattern is warped to produce a warped line pattern, and an original image is mapped onto the warped line pattern to produce an engraving-style halftone image. In accordance with this image processing scheme, halftone line pattern effects are applied to an image in a manner that preserves sufficient contrast information from the original image that a true engraving-style image may be produced. The result is an image that has a digital engraving effect that simulates a classic old world engraving.